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54 Title: High-Frequency surgical device

71 Applicant: Aesculap-Werke AG, formerly Jetter & Scheerer, 7200 Tuttlingen, Germany

72 Inventor: Hämmerle, Richard, Certified Engineer, 7750 Konstanz
Schuler, Martin, Certified Engineer, 8000 Munich,
Häberlen, Roland, Engineering graduate student, 7200 Tuttlingen

Testing application per § 28b PatG[1] has been submitted.

[1] Translator's Note: PatG = Patentgesetz = German Patent Law

Reg. No. 125 490

Aesculap-Werke Stock Corporation
Formerly Jetter & Scheerer, 7200
Tuttlingen (Baden-Württemberg)

High-Frequency Surgical Device

2803275
PATENT ATTORNEYS
Dr. Engr. Wolff +
H. Bartels
Dr. Brandes, Certified Chemist
Dr. Engr. Held
Certified Physicist Wolff

D-7 Stuttgart 1, Lange Straße 51
Tel (07 11) 29 63 10 & 29 72 95
Telex 07 22312 (palwo d)
Telegram address: tix 07 223 wolff Stuttgart
PA Dr. Brandes: in Munich
Postscheckkonto (Bank account) Stuttgart 7211-700
Bank ID 600 100 70
Deutsche Bank AG, 14/286 30
Bank ID 600 700 70
Office hours: 9-11:30 A.M., 1:30-4 P.M.
Except Saturdays

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High-Frequency (HF) surgical device with an active treatment electrode (f) and a neutral body electrode (m), that may be connected together via the patient, and of which the treatment electrode may be connected via an active line (e), and the body electrode may be connected via a neutral line with the active or neutral output of a HF generator (HF-G), and with a supplemental line (g) that forms a supplemental circuit via a hand-switchable selector switch (h) with at least part of the active line, said circuit including a sensor (R) to switch the HF generator that corresponds to the position or the switch,

characterized in that

a control circuit of the HF generator is assigned to the sensor (22) that switches off the HF generator, or switches the HF generator's output voltage to a small residual voltage, when the sensor in the supplemental current circuit indicates that the switch is closed, that a normally-open switch (15) is provided, and that the supplemental line (17, 17') is connected electrically or at least via an alternating-current resistance (38) with the body electrode (24) whose resistance value is small with respect to the resistance of the patient (25).